Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092822\
Data File : BP011832.D
Acq On : 28 Sep 2022 16:19
Operator : CG/JU
Sample : PB147971BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 29 02:27:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:03:33 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	340227	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	1527685	20.000	ng	#	0.00
39) Acenaphthene-d10	14.551	164	940828	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	1894600	20.000	ng		0.00
76) Chrysene-d12	21.386	240	1768032	20.000	ng		-0.01
86) Perylene-d12	23.827	264	1742863	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.470	112	3081487	158.917	ng		0.00
7) Phenol-d6	7.075	99	4045134	141.088	ng		0.00
23) Nitrobenzene-d5	9.075	82	2240623	76.767	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	1189105	187.703	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	5094359	85.628	ng		0.00
79) Terphenyl-d14	19.863	244	7197568	93.605	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	294834	36.164	ng		90
3) Pyridine	3.752	79	811559	32.255	ng		89
4) n-Nitrosodimethylamine	3.664	42	380225	34.172	ng	#	76
6) Aniline	7.234	93	1574216	44.138	ng		96
8) 2-Chlorophenol	7.469	128	1180834	50.054	ng		94
9) Benzaldehyde	7.046	77	666028m	37.130	ng		
10) Phenol	7.099	94	1528039	47.314	ng		98
11) bis(2-Chloroethyl)ether	7.328	93	1088062	42.561	ng		93
12) 1,3-Dichlorobenzene	7.793	146	1121529	45.242	ng		98
13) 1,4-Dichlorobenzene	7.940	146	1159977	45.664	ng		99
14) 1,2-Dichlorobenzene	8.258	146	1129879	45.465	ng		99
15) Benzyl Alcohol	8.152	79	973819m	45.971	ng		
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1367965	32.396	ng		92
17) 2-Methylphenol	8.352	107	1001217	47.298	ng		97
18) Hexachloroethane	8.987	117	401684	41.302	ng		97
19) n-Nitroso-di-n-propyla...	8.722	70	816298	38.727	ng	#	87
20) 3+4-Methylphenols	8.681	107	1366543	45.979	ng		98
22) Acetophenone	8.740	105	1681316	43.813	ng	#	93
24) Nitrobenzene	9.116	77	1206448	40.005	ng		94
25) Isophorone	9.646	82	2288642	41.797	ng		99
26) 2-Nitrophenol	9.828	139	589739	48.393	ng		92
27) 2,4-Dimethylphenol	9.893	122	1096098	56.679	ng		98
28) bis(2-Chloroethoxy)met...	10.128	93	1491742	46.748	ng		98
29) 2,4-Dichlorophenol	10.363	162	1085144	52.443	ng		98
30) 1,2,4-Trichlorobenzene	10.581	180	1005772	46.681	ng		97
31) Naphthalene	10.769	128	3476510	42.924	ng		100
32) Benzoic acid	10.046	122	810419	48.809	ng		97
33) 4-Chloroaniline	10.881	127	1064097	31.513	ng		97
34) Hexachlorobutadiene	11.052	225	542520	49.924	ng		97
35) Caprolactam	11.687	113	386455	45.955	ng	#	76
36) 4-Chloro-3-methylphenol	12.004	107	1208641	48.128	ng		96
37) 2-Methylnaphthalene	12.375	142	2437226	43.575	ng		99
38) 1-Methylnaphthalene	12.593	142	2346921	42.610	ng		100
40) 1,2,4,5-Tetrachloroben...	12.746	216	1113275	52.505	ng		99
41) Hexachlorocyclopentadiene	12.722	237	1354462	130.253	ng		98
43) 2,4,6-Trichlorophenol	12.981	196	825734	53.800	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.051	196	922830	52.311	ng		97
46)	1,1'-Biphenyl	13.387	154	3168806	46.357	ng		98
47)	2-Chloronaphthalene	13.428	162	2394907	45.169	ng		100
48)	2-Nitroaniline	13.634	65	752795	39.822	ng		85
49)	Acenaphthylene	14.275	152	3920326	44.545	ng		99
50)	Dimethylphthalate	14.010	163	3072918	44.546	ng		100
51)	2,6-Dinitrotoluene	14.128	165	676375	47.490	ng		91
52)	Acenaphthene	14.616	154	2328768	43.145	ng		99
53)	3-Nitroaniline	14.463	138	643440	36.886	ng		92
54)	2,4-Dinitrophenol	14.663	184	809267	105.266	ng	#	86
55)	Dibenzofuran	14.951	168	3652810	44.154	ng		98
56)	4-Nitrophenol	14.769	139	1402138	96.792	ng		88
57)	2,4-Dinitrotoluene	14.916	165	941130	44.673	ng	#	85
58)	Fluorene	15.598	166	2930464	41.753	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.175	232	742612m	51.558	ng		
60)	Diethylphthalate	15.375	149	3095462	42.976	ng		98
61)	4-Chlorophenyl-phenyle...	15.592	204	1384547	47.183	ng		98
62)	4-Nitroaniline	15.628	138	800212	39.671	ng		95
63)	Azobenzene	15.887	77	2931138	37.165	ng		93
65)	4,6-Dinitro-2-methylph...	15.675	198	475550	49.347	ng		85
66)	n-Nitrosodiphenylamine	15.810	169	2624192	46.485	ng		98
67)	4-Bromophenyl-phenylether	16.492	248	822577	52.942	ng		91
68)	Hexachlorobenzene	16.604	284	882285	53.444	ng		94
69)	Atrazine	16.769	200	909100	55.611	ng		99
70)	Pentachlorophenol	16.951	266	1207015	100.442	ng		99
71)	Phenanthrene	17.351	178	4666600	43.671	ng		99
72)	Anthracene	17.439	178	4668206	45.676	ng		100
73)	Carbazole	17.710	167	4507963	45.036	ng		100
74)	Di-n-butylphthalate	18.257	149	5326215	44.175	ng		99
75)	Fluoranthene	19.310	202	5216335	44.903	ng		98
77)	Benzidine	19.492	184	2588819	75.445	ng		100
78)	Pyrene	19.663	202	5405547	45.755	ng		99
80)	Butylbenzylphthalate	20.533	149	2445934	42.868	ng		91
81)	Benzo(a)anthracene	21.375	228	5190309	44.493	ng		99
82)	3,3'-Dichlorobenzidine	21.304	252	1778506	52.277	ng		99
83)	Chrysene	21.427	228	4862085	43.988	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.292	149	3539510	42.137	ng	#	99
85)	Di-n-octyl phthalate	22.227	149	6075306	45.070	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	26.374	276	5097267	37.377	ng		95
88)	Benzo(b)fluoranthene	23.080	252	5276502	48.762	ng		98
89)	Benzo(k)fluoranthene	23.133	252	5293412	47.741	ng		98
90)	Benzo(a)pyrene	23.721	252	4638524	50.665	ng		98
91)	Dibenzo(a,h)anthracene	26.392	278	4488137	39.639	ng		96
92)	Benzo(g,h,i)perylene	27.157	276	4232273	38.614	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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